

ABSTRACT

A revolving-door assembly includes a plurality of radially-extending door sections rotatably mounted about a vertical rotary axis within a passageway for controlling the flow of traffic through said passageway. Each of the radially-extending door sections includes a radially-extending inner panel and at least one radially-extending outer panel. The radially-extending inner panels are mounted for rotation about the vertical rotary axis. Each of the radially-extending outer panels is movable radially outwardly away from, and inwardly towards, the respective radially-extending inner panels to assume an outermost position when the respective radially-extending door section is located perpendicularly to the flow of traffic, and an innermost position when the respective radially-extending door section is located parallel to the flow of traffic. Two embodiments are described wherein there are four door sections, each including one or two outer panels; and two further embodiments are described wherein there are two door sections each including one or two outer panels.

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(54) Title: REVOLVING-DOOR ASSEMBLY

(57) **Abstract:** A revolving-door assembly includes a plurality of radially-extending door sections rotatably mounted about a vertical rotary axis within a passageway for controlling the flow of traffic through said passageway. Each of the radially-extending door sections includes a radially-extending inner panel and at least one radially-extending outer panel. The radially-extending inner panels are mounted for rotation about the vertical rotary axis. Each of the radially-extending outer panels is movable radially outwardly away from, and inwardly towards, the respective radially-extending inner panels to assume an outermost position when the respective radially-extending door section is located perpendicularly to the flow of traffic, and an innermost position when the respective radially-extending door section is located parallel to the flow of traffic. Two embodiments are described wherein there are four door sections, each including one or two outer panels; and two further embodiments are described wherein there are two door sections each including one or two outer panels.